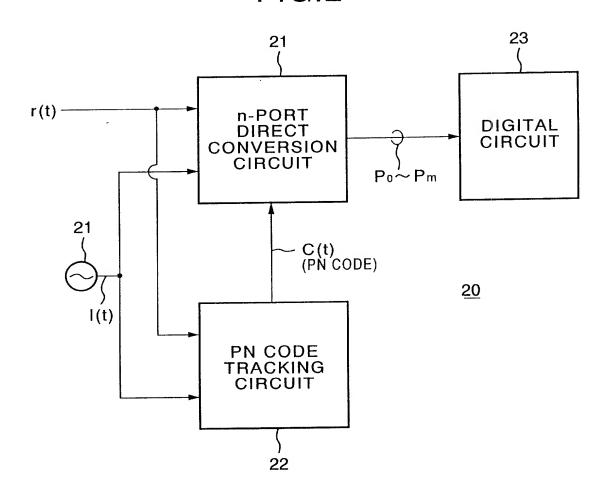


FIG.2



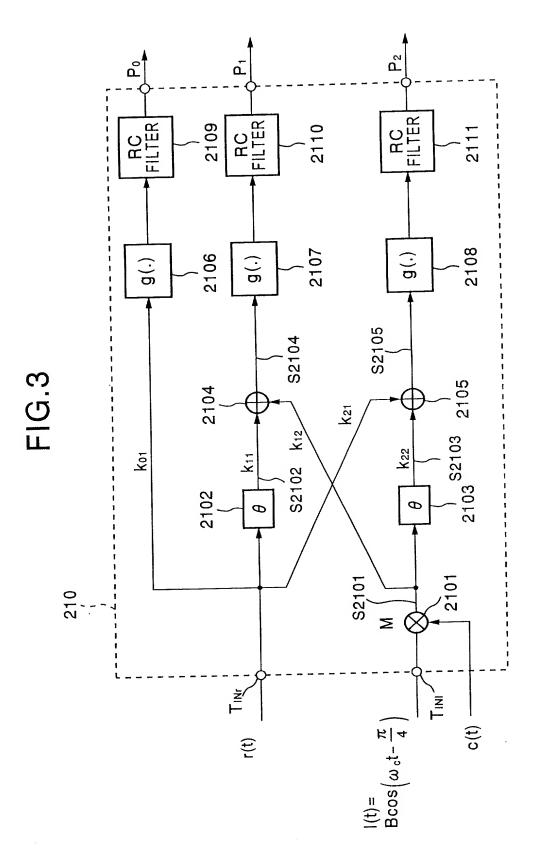
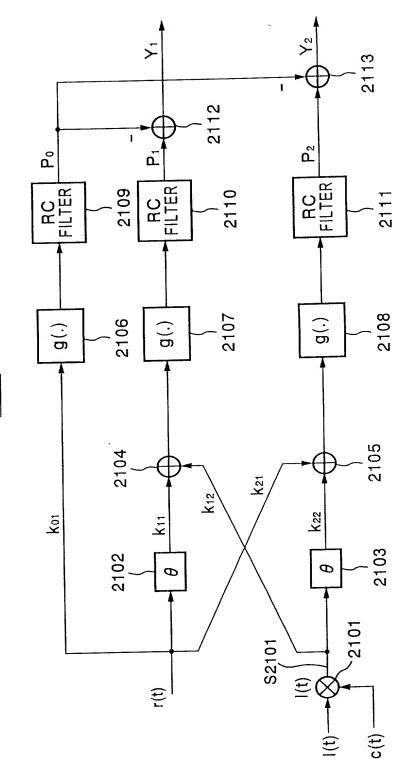
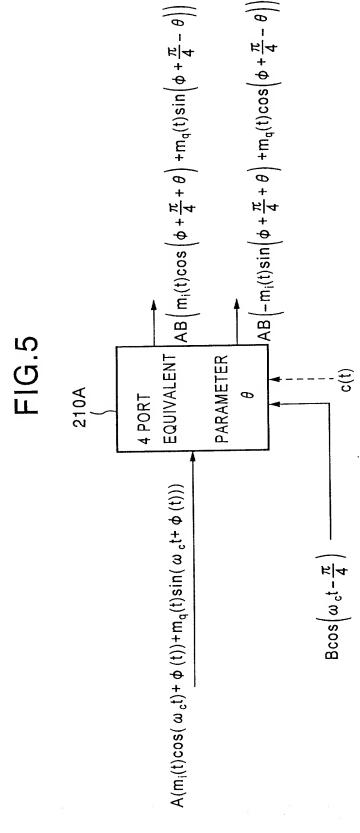
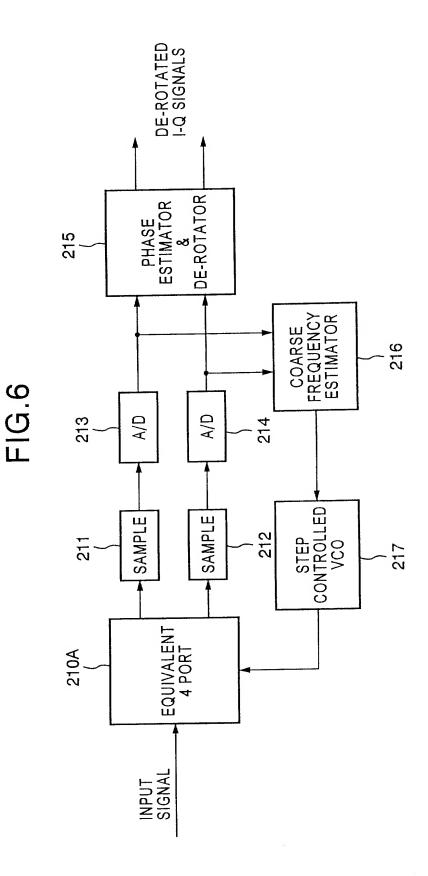


FIG.4



- others in 19th





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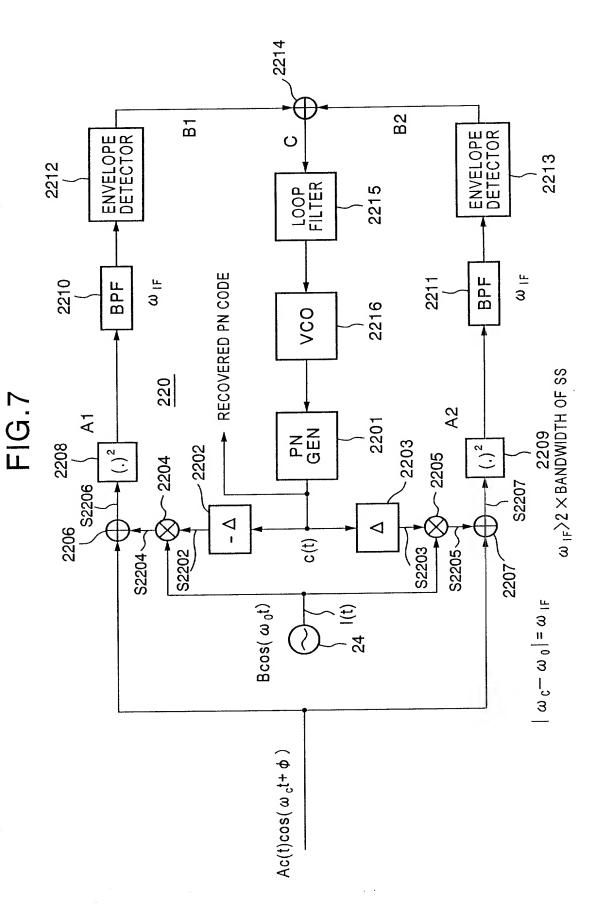


FIG.8

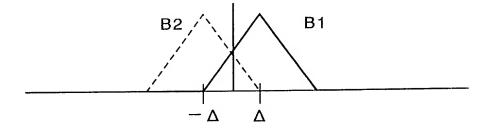
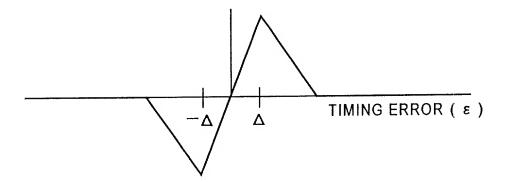


FIG.9



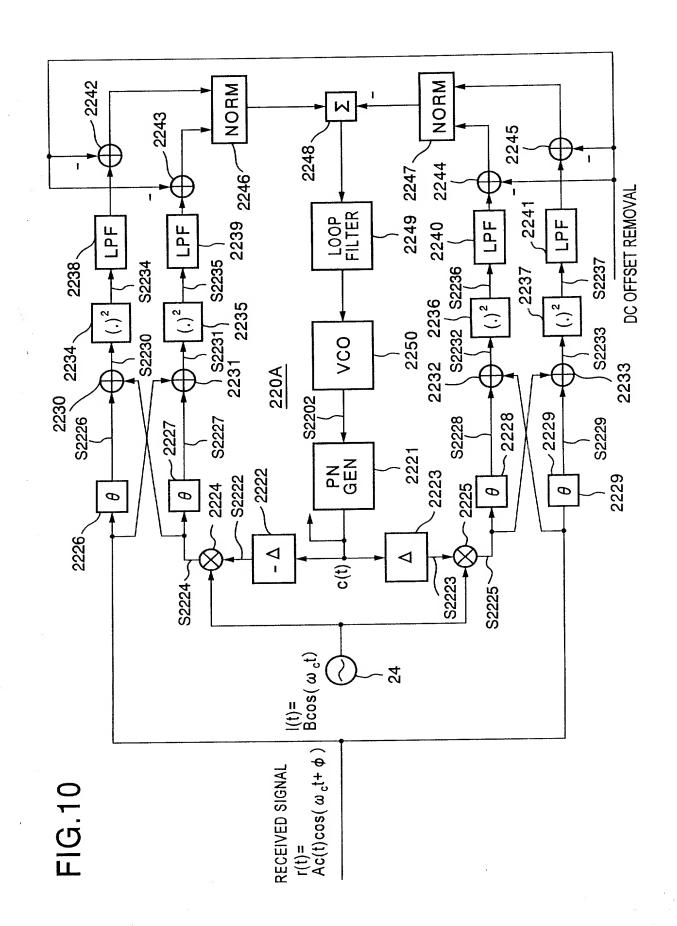
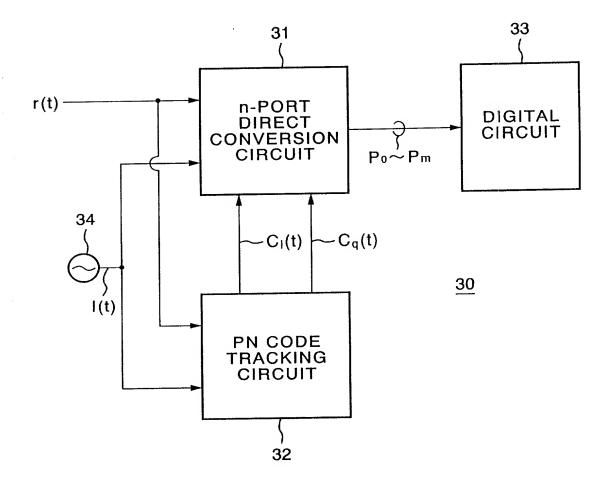
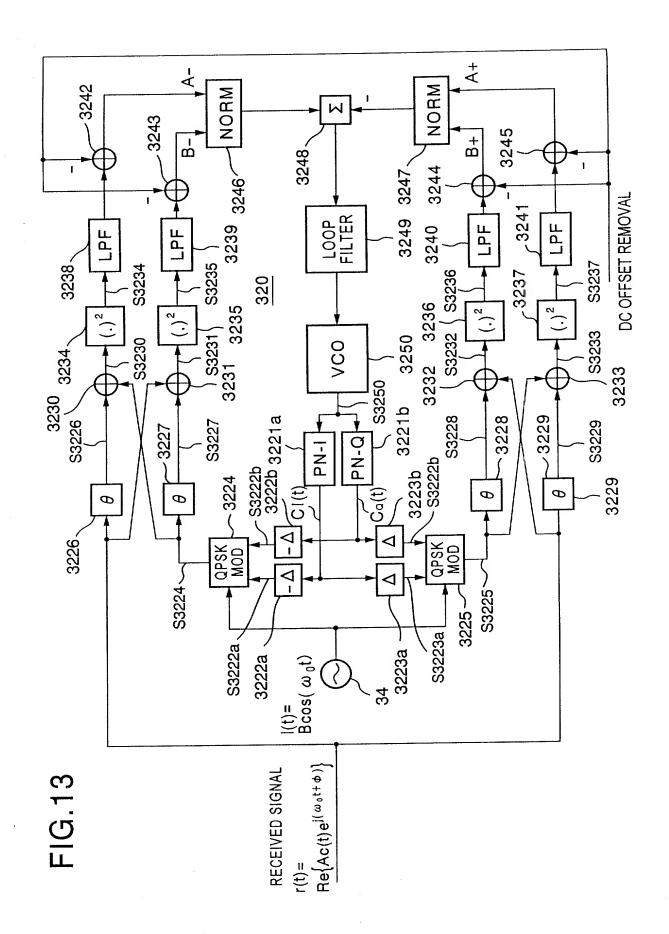


FIG.11



ď ۵ RC FILTER RC FILTER RC FILTER 3109 3110 3111 S3108 S3106 S3107 3107 3106 3108 g(.) g(.) g(.) 310 S3104 S3105 FIG. 12 3104 3105 **K**21 S3102 k12 S3103 **X K**11 K22 3103 3102 Φ S3101 QPSK 3101 $\mathsf{Re}\{\mathsf{d}(\mathsf{t})\mathsf{c}(\mathsf{t})\mathsf{e}^{\mathsf{j}(\,\omega_{\,\mathrm{c}}\,\mathsf{t}\,+\,\phi_{\,)}\}}$ ci(t) $c_q(t)$ $I(t) = B\cos\left(\omega_{c}t - \frac{\pi}{4}\right)$



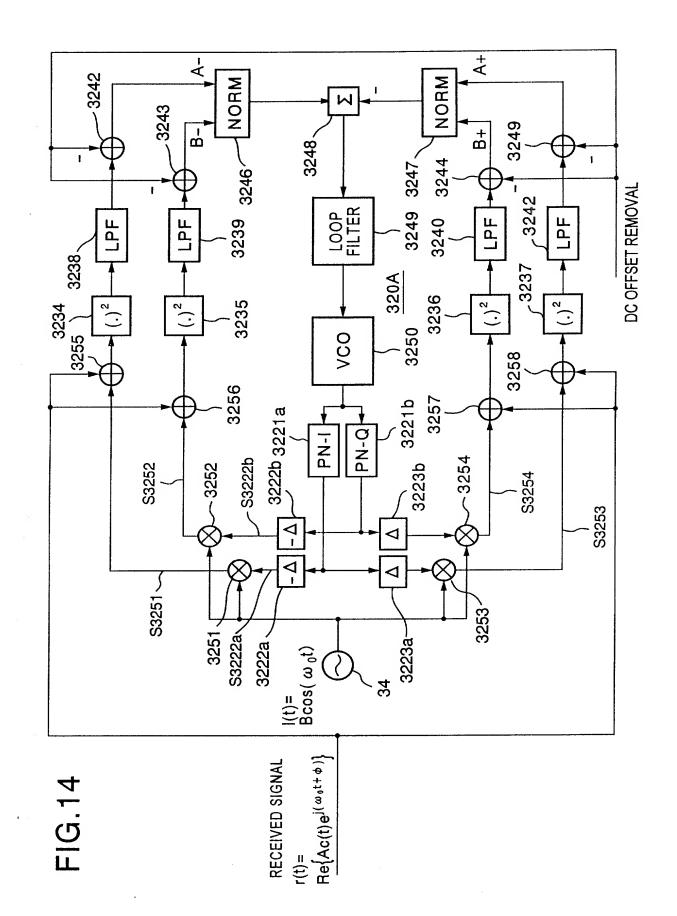
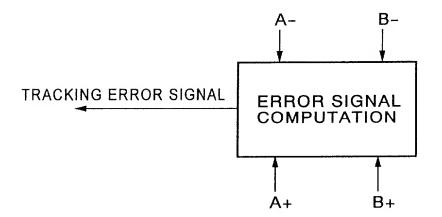


FIG.15



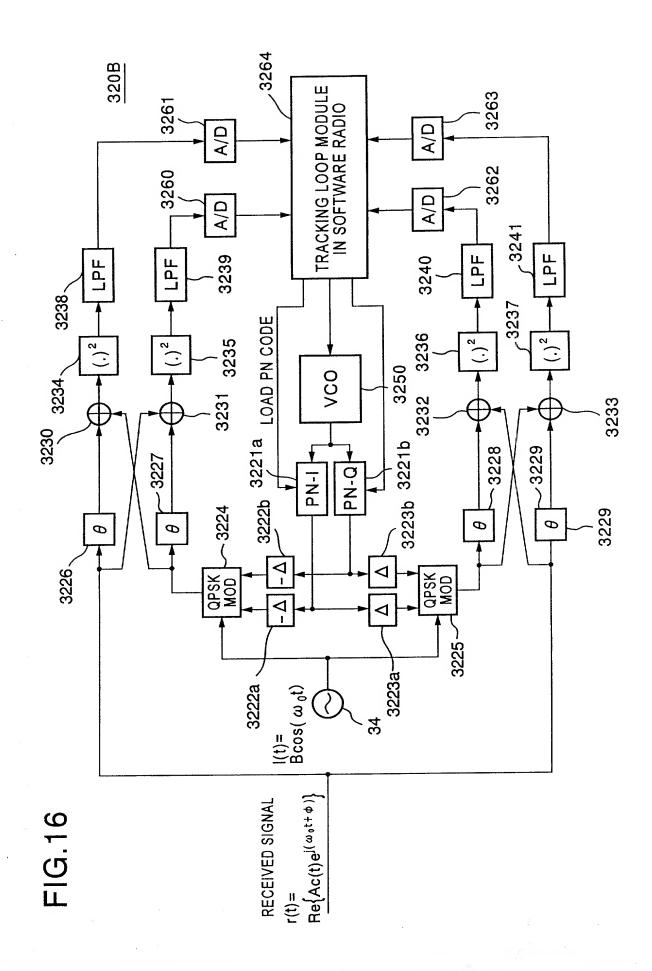


FIG.17

